TEST SETUP:
Camera: Axis Q6045 PTZ Dome
Dell Windows 7 Laptop
Managed PoE Switch

RJ45 MECHANICAL PLUG:

CABLE TEST DRUM:

GAMECHANGER CABLE
PLENUM, RISER & CM-LSZH PRINT LEGENDS:
TEST PROTOCOL:
1- Cut 1,000 ft. (305 meter) cable length for testing.
2- Transfer test length cable to cable test drum to avoid cable to cable interference.
3- Extend cable from drum to test lab office for connection to camera and DVR recorder.
4- Connect both ends of test cable length to mechanical RJ45 plugs in EIA/TIA 568B configuration.
5- Plug test cable length into network switch and camera.

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<th>TEST</th>
<th>NETWORK SWITCH</th>
<th>CBL - END 1</th>
<th>CBL - END 2</th>
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<td>Dell Windows 7 laptop</td>
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6- Power up Dell Laptop, Managed PoE Switch and camera through test cable.
7- On Laptop check the video in the resolutions available.

CHANGING THE RESOLUTION UP TO THE HIGHEST AVAILABLE:
8- No video at lowest setting. Remove 10 FT. (3 Meters) of cable and re-install mechanical RJ45 plug.
9- Repeat steps 5 through 8 until video resolution is at 1920 X 1080p, desired resolution.

RESULTS:
46224P Plenum cable - 1920 x 1080p at 825 FT. (251 Meters)
46224pr Riser cable - 1920 x 1080p at 825 FT. (251 Meters)
46224PCM CM-LSZH cable - 1920 x 1080p at 825 FT. (251 Meters)

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